

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S97	98062	(decoy\$4 honey\$4 virtual\$4 pseudo\$4 lur\$3 deceiv\$3 deceit\$5 decept\$4 honeypot trap\$4 trick\$3 bait\$3 entic\$3 entrap\$4 snar\$3 ensnar\$3 astray\$3 fak\$3 preten\$4 bugos imitat\$3) same network\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 10:58
S98	54449	S97 and (protect\$3 internal secur\$3 private local intranet) near3 network\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 10:59
S99	36355	S98 and ((external\$3 public\$3 global insecure unsecure unprotect\$4 open wide) near3 network\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 11:00
S100	42972	S98 and (Internet web)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 11:00
S101	47350	S99 S100	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 11:00
S102	14969	S101 and ((respon\$6 reply\$3 answer\$3 send\$3 forward\$3 (tak\$3 near2 action)) same (protect\$3 internal secur\$3 private local intranet) near3 network\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 11:01
S103	7521	S102 and ((analy\$5 evaluat\$4 examin\$5 stud\$4 review\$3 investigat\$3 scrutin\$5 assess\$3 monitor\$3) near3 (data history pattern information request\$3 access\$3 beavior\$3 attack\$3 hack\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 11:02
S104	857	S103 and ((pretend\$3 fak\$3 Fals\$3 forg\$3 phony bogus imitat\$3 feign\$3 acting trick\$3 decept\$3 trap\$4 hoax\$3 deceiv\$3 mislead\$3 fool\$3) near5 (respon\$6 reply\$3 answer\$3 send\$3 forward\$3 (tak\$3 near2 action)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 11:03

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S10 5	303	S104 and ((detect\$3 discover\$3 identif\$8 determin\$4 recogniz\$6 find\$3 figur\$3 locat\$3 encounter\$3 uncover\$3) near2 (threat\$7 illegitimate illegal unauthoriz\$4 attack\$4 intruder intrusion malicious breach\$4 abnormal\$4 suspic\$5 anamol\$4 illicit prohibit\$3 criminal\$4 imposter masquerad\$4 fak\$3 phony\$3 suspici\$4 suspect\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 11:05
S10 6	50	S105 and @ad<"20010215"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 11:06

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	0	((protect\$3 internal secur\$3 private local intranet) near3 network\$3 and (illegal\$3 unauthoriz\$5 illicit\$3 illegitimat\$3 unlawful\$3 suspicious\$3 illicit prohibit\$3 criminal\$4 intrud\$3 intrus\$4 attack\$3 imposter masquerad\$4 fak\$3 phony\$3 suspici\$4 suspect\$3) near2 (access\$4 act\$3 activit\$3 request\$3 control\$4) and (pretend\$3 fak\$3 Fals\$3 forg\$3 phony bogus imitat\$3 feign\$3 acting trick\$3 decept\$3 trap\$4 hoax\$3 deceiv\$3 mislead\$3 fool\$3) near2 (respon\$6 reply\$3 answer\$3 send\$3 forward\$3 (tak\$3 near2 action)) and (capsulati\$5 decapsulati\$5 encapsulati\$5)).CLM.	US-PGPUB	OR	ON	2007/11/16 14:14



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Relevance scale

1 [A method for access authorisation through delegation networks](#)

Audun Jøsang, Dieter Gollmann, Richard Au

January 2006 **Proceedings of the 2006 Australasian workshops on Grid computing and e-research - Volume 54 ACSW Frontiers '06**

Publisher: Australian Computer Society, Inc.

Full text available: pdf(250.77 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Owners of systems and resources usually want to control who can access them. This must be based on having a process for authorising certain parties, combined with mechanisms for enforcing that only authorised parties are actually able to access those systems and resources. In distributed systems, the authorisation process can include negative authorisation (e.g. black listing), and delegation of authorisation rights, which potentially can lead to conflicts. This paper describes a method for givi ...

2 [Selected writings on computing: a personal perspective](#)

Edsger W. Dijkstra

January 1982 Book

Publisher: Springer-Verlag New York, Inc.

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Since the summer of 1973, when I became a Burroughs Research Fellow, my life has been very different from what it had been before. The daily routine changed: instead of going to the University each day, where I used to spend most of my time in the company of others, I now went there only one day a week and was most of the time that is, when not travelling!-- alone in my study. In my solitude, mail and the written word in general became more and more important. The circumstance that my employe ...

3 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research CASCON '97**

Publisher: IBM Press

Full text available: pdf(4.21 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the

desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

4 Security issues for wireless networks: Two methods of authenticated positioning



Thomas Mundt

October 2006 **Proceedings of the 2nd ACM international workshop on Quality of service & security for wireless and mobile networks Q2SWinet '06**

Publisher: ACM Press

Full text available: [pdf\(622.43 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Recent studies and publications have shown a demand for a secure method to proof someones or somethings position via a communication channel. In this paper we present a concept and two architectures for location dependent access control. We start with a number of scenarios. Some of the scenarios play in a global context, some others in a more local environment. We address boths groups of scenarios with different methods of positioning (location providers). We are using a WLAN mesh network to de ...

Keywords: DRM, MANETs, WLAN positioning, authentication, context/location awareness, mesh networks

5 Charles W. Bachman interview: September 25-26, 2004; Tucson, Arizona



Thomas Haigh

January 2006 **ACM Oral History interviews**

Publisher: ACM Press

Full text available: [pdf\(761.66 KB\)](#) Additional Information: [full citation](#), [abstract](#)

Charles W. Bachman reviews his career. Born during 1924 in Kansas, Bachman attended high school in East Lansing, Michigan before joining the Army Anti Aircraft Artillery Corp, with which he spent two years in the Southwest Pacific Theater, during World War II. After his discharge from the military, Bachman earned a B.Sc. in Mechanical Engineering in 1948, followed immediately by an M.Sc. in the same discipline, from the University of Pennsylvania. On graduation, he went to work for Do ...

6 Query evaluation techniques for large databases



Goetz Graefe

June 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 2

Publisher: ACM Press

Full text available: [pdf\(9.37 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Database management systems will continue to manage large data volumes. Thus, efficient algorithms for accessing and manipulating large sets and sequences will be required to provide acceptable performance. The advent of object-oriented and extensible database systems will not solve this problem. On the contrary, modern data models exacerbate the problem: In order to manipulate large sets of complex objects as efficiently as today's database systems manipulate simple records, query-processi ...

Keywords: complex query evaluation plans, dynamic query evaluation plans, extensible database systems, iterators, object-oriented database systems, operator model of parallelization, parallel algorithms, relational database systems, set-matching algorithms, sort-hash duality

7 Practice: Cybercrime, identity theft, and fraud: practicing safe internet - network security threats and vulnerabilities



Robert C. Newman

September 2006 **Proceedings of the 3rd annual conference on Information security curriculum development InfoSecCD '06**

Publisher: ACM Press

Full text available: pdf(123.56 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Computer networks and computer systems are experiencing attacks and threats from many areas. Threats are also extended to include the individual user's computer assets and resources. Information will be presented on the categories of security and privacy threats, integrity threats, vulnerabilities, delay and denial threats, and intellectual property threats that are being directed towards corporate, educational, governmental, and individual assets.

Keywords: cybercrime, identity theft, internet fraud

8 [A multi-layer collision resolution multiple access protocol for wireless](#)

Ya-Ku Sun, Kwang-Cheng Chen

August 1998 **Wireless Networks**, Volume 4 Issue 5

Publisher: Kluwer Academic Publishers

Full text available: pdf(244.66 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In mobile communication networks operating in unreliable physical transmission, random access protocol with the collision resolution (CR) scheme is more attractive than the ALOHA family including carrier sense multiple access (CSMA) [IEEE Networks (September 1994) 50-64], due to likely failure on the channel sensing. Being a member of CR family schemes, a protocol known as non-preemptive priority multiple access (NPMA) is utilized in a new high-speed wireless local area network, HIPER ...

9 [Protocol architectures: A framework for scalable global IP-anycast \(GIA\)](#)



Dina Katabi, John Wroclawski

April 2001 **ACM SIGCOMM Computer Communication Review**, Volume 31 Issue 2 supplement

Publisher: ACM Press

Full text available: pdf(3.30 MB) Additional Information: [full citation](#), [abstract](#), [references](#)

This paper proposes GIA, a scalable architecture for global IP-anycast. Existing designs for providing IP-anycast must either globally distribute routes to individual anycast groups, or confine each anycast group to a pre-configured topological region. The first approach does not scale because of excessive growth in the routing tables, whereas the second one severely limits the utility of the service. Our design scales by dividing inter-domain anycast routing into two components. The first compo ...

Keywords: anycast, architecture, internet, routing, scalable

10 [Secure virtual private networks: the future of data communications](#)

Eli Herscovitz

August 1999 **International Journal of Network Management**, Volume 9 Issue 4

Publisher: John Wiley & Sons, Inc.

Full text available: pdf(230.05 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The Internet is an almost ideal means for information retrieval and exchange. It is cost-effective easy to use and easily accessible. However, it can also be susceptible to devious practices such as data tempering, eavesdropping and theft. This paper analyses secure virtual private networks ∥VPNs∥ and their use in countering the problems of the Internet. Copyright © 1999 John Wiley & Sons, Ltd.

11 Resource-aware speculative prefetching in wireless networks

N. J. Tuah, M. Kumar, S. Venkatesh
January 2003 **Wireless Networks**, Volume 9 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  pdf(212.89 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Mobile users connected to wireless networks expect performance comparable to those on wired networks for interactive multimedia applications. Satisfying Quality of Service (QoS) requirements for such applications in wireless networks is a challenging problem due to limitations of low bandwidth, high error rate and frequent disconnections of wireless channels. In addition, wireless networks suffer from varying bandwidth. In this paper we investigate object prefetching during times of connectednes ...

Keywords: bandwidth, caching, compound request, network load, speculative prefetching

12 Securing a global village and its resources: baseline security for interconnected signaling system #7 telecommunications networks

 Hank M. Kluepfel
December 1993 **Proceedings of the 1st ACM conference on Computer and communications security CCS '93**

Publisher: ACM Press


Full text available:  pdf(1.19 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The resulting national focus on Network Integrity issues, spawned the development of an industry commitment to affect and realize a minimum security baseline for interconnected SS7 networks. In addition the affected carriers in those outage have accelerated their pursuit of secure solutions to today's intelligent networking.[2]This paper will focus on the development of the baseline and the current effort to take the baseline into national, e.g., National Ins ...

13 The development of the Emerald programming language

 Andrew P. Black, Norman C. Hutchinson, Eric Jul, Henry M. Levy
June 2007 **Proceedings of the third ACM SIGPLAN conference on History of programming languages HOPL III**

Publisher: ACM Press


Full text available:  pdf(1.45 MB) Additional Information: [full citation](#), [appendices and supplements](#), [abstract](#), [references](#), [index terms](#)

Emerald is an object-based programming language and system designed and implemented in the Department of Computer Science at the University of Washington in the early and mid-1980s. The goal of Emerald was to simplify the construction of distributed applications. This goal was reflected at every level of the system: its object structure, the programming language design, the compiler implementation, and the run-time support.

This paper describes the origins of the Emerald group, the for ...


Keywords: Eden, Emerald, Washington, abstract types, call-by-move, distributed programming mobility, object mobility, object-oriented programming, polymorphism, remote object invocation, remote procedure call, type conformity

14 Randomized protocols for low-congestion circuit routing in multistage interconnection networks

 Richard Cole, Bruce M. Maggs, Friedhelm Meyer auf der Heide, Michael Mitzenmacher, Andréa W. Richa, Klaus Schröder, Ramesh K. Sitaraman, Berthold Vöcking

May 1998 **Proceedings of the thirtieth annual ACM symposium on Theory of computing STOC '98**

Publisher: ACM Press

Full text available:  pdf(1.73 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

15 I2SEMS: Interconnects-Independent Security Enhanced Shared Memory Multiprocessor Systems

Manhee Lee, Minseon Ahn, Eun Jung Kim

September 2007 **Proceedings of the 16th International Conference on Parallel Architecture and Compilation Techniques (PACT 2007) - Volume 00 PACT '07**

Publisher: IEEE Computer Society

Full text available:  pdf(245.42 KB)

Additional Information: [full citation](#), [abstract](#)

Protection and security are becoming essential requirements in commercial servers. In this paper, we present a fast and efficient method for providing secure memory and cache-to-cache communications in shared memory multiprocessor systems that are becoming enormously popular in designing servers for various applications. Since our scheme is independent of underlying interconnects and cache coherence protocols, we refer to it as Interconnects-Independent Security Enhanced Shared Memory Multiproce ...


16 Data base directions: the next steps



John L. Berg

November 1976 **ACM SIGMOD Record , ACM SIGMIS Database**, Volume 8 , 8 Issue 4 , 2

Publisher: ACM Press

Full text available:  pdf(9.95 MB)

Additional Information: [full citation](#), [abstract](#), [citations](#)

What information about data base technology does a manager need to make prudent decisions about using this new technology? To provide this information the National Bureau of Standards and the Association for Computing Machinery established a workshop of approximately 80 experts in five major subject areas. The five subject areas were auditing, evolving technology, government regulations, standards, and user experience. Each area prepared a report contained in these proceedings. The proceedings p ...

Keywords: DBMS, auditing, cost/benefit analysis, data base, data base management, government regulation, management objectives, privacy, security, standards, technology assessment, user experience


17 Seeing, hearing, and touching: putting it all together



Brian Fisher, Sidney Fels, Karon MacLean, Tamara Munzner, Ronald Rensink

August 2004 **ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04**

Publisher: ACM Press

Full text available:  pdf(20.64 MB)


Additional Information: [full citation](#)

18 A performance model of deflection routing in multibuffer networks with nonuniform traffic

Joseph Bannister, Flaminio Borgonovo, Luigi Fratta, Mario Gerla

October 1995 **IEEE/ACM Transactions on Networking (TON)**, Volume 3 Issue 5

Publisher: IEEE Press

Full text available:  pdf(1.29 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

19 [Accounting and management: WilmaGate: a new open access gateway for hotspot management](#)



Mauro Brunato, Danilo Severina

September 2005 **Proceedings of the 3rd ACM international workshop on Wireless mobile applications and services on WLAN hotspots WMASH '05**

Publisher: ACM Press

Full text available: pdf(206.13 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Wireless access has already become a ubiquitous way to connect to the Internet, but the mushrooming of wireless access infrastructures throughout the world has given rise to a wide range of user authentication, authorization and accounting (AAA) mechanisms, with lots of incompatible "standards", each having its unique features and responding to specific problems. The WilmaGate system has been developed in order to provide a viable alternative to such a scenario. The assumptions that led to this s ...

Keywords: access gateways, authentication, authorization, open access networks, wireless networks

20 [4.2BSD and 4.3BSD as examples of the UNIX system](#)



John S. Quarterman, Abraham Silberschatz, James L. Peterson

December 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 4

Publisher: ACM Press

Full text available: pdf(4.07 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

This paper presents an in-depth examination of the 4.2 Berkeley Software Distribution, Virtual VAX-11 Version (4.2BSD), which is a version of the UNIX Time-Sharing System. There are notes throughout on 4.3BSD, the forthcoming system from the University of California at Berkeley. We trace the historical development of the UNIX system from its conception in 1969 until today, and describe the design principles that have guided this development. We then present the internal data structures and ...

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